

FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

#2



ATTORNEY DOCKET NO.: CYC-041

APPLICANT(S): Wang

SERIAL NO.: 10/040,530

FILING DATE: January 7, 2002

GROUP: 1755

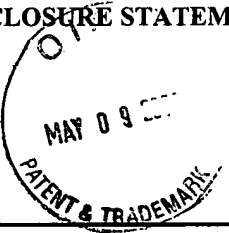

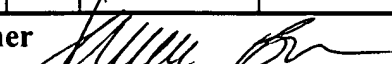
U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>mb</i>	A1	6,297,330 B1	10/2/2001	Burch, Jr. et al.	525	444	
	A2	6,121,466	09/19/2000	Osterholt et al.	549	267	
	A3	5,968,642	10/19/1999	Saito	428	304.4	
	A4	5,936,029	08/10/1999	Hall	524	572	
	A5	5,830,541	11/03/1998	Carswell et al.	427	475	
	A6	5,795,423	8/18/98	Johnson	156	166	
	A7	5,786,440	7/28/98	Kohler et al.	528	196	
	A8	5,760,161	6/2/98	Goins, Jr. et al.	528	299	
	A9	5,756,644	5/26/98	Hodge et al.	528	272	
	A10	5,710,086	01/20/98	Brunelle et al.	502	171	
	A11	5,707,439	01/13/98	Takekoshi et al.	106	483	
	A12	5,700,888	12/23/1997	Hall	526	190	
	A13	5,693,722	12/2/97	Priddy, Jr. et al.	525	439	
	A14	5,668,186	9/16/97	Brunelle et al.	521	48	
	A15	5,663,282	9/2/97	Todt et al.	528	274	
	A16	5,661,214	8/26/97	Brunelle et al.	524	783	
	A17	5,648,454	7/15/97	Brunelle	528	491	
	A18	5,646,306	07/08/1997	Elsasser, Jr.	549	267	
	A19	5,637,655	6/10/97	Priddy, Jr. et al.	525	438	
	A20	5,605,979	2/25/97	Priddy, Jr. et al.	525	439	
	A21	5,591,800	01/7/97	Takekoshi et al.	524	783	
	A22	5,530,052	6/25/96	Takekoshi et al.	524	447	
	A23	5,527,976	6/18/96	Takekoshi et al.	585	16	
	A24	5,498,651	3/12/96	Brunelle	524	176	
	A25	5,466,744	11/14/95	Evans et al.	524	714	
✓	A26	5,446,122	8/29/95	Warner et al.	528	279	

Examiner

Date Considered

12/8/03

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U.S. PATENT DOCUMENTS							
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
✓	A27	5,434,244	7/18/95	Warner et al.	528	490	
	A28	5,420,226	5/30/95	Hamer et al.	528	201	
	A29	5,410,014	4/25/95	Haese et al.	528	196	
	A30	5,407,984	4/18/95	Brunelle et al.	524	178	
	A31	5,389,719	2/14/95	Takekoshi et al.	524	784	
	A32	5,387,666	2/7/95	Takekoshi et al.	528	283	
	A33	5,386,037	01/31/95	Takekoshi et al.	549	206	
	A34	5,356,984	10/18/94	Carbone et al.	524	431	
	A35	5,348,985	9/20/94	Pearce et al.	521	124	
	A36	5,340,909	8/23/94	Doerr et al.	528	276	
	A37	5,321,117	6/14/94	Brunelle	528	272	
	A38	5,314,779	5/24/94	Odell et al.	430	127	
	A39	5,302,484	4/12/94	Odell et al.	430	127	
	A40	5,300,590	4/5/94	Cook et al.	525	444	
	A41	5,300,393	4/5/94	Odell et al.	430	134	
	A42	5,300,392	4/5/94	Odell et al.	430	130	
	A43	5,288,837	2/22/94	Munjal et al.	528	198	
	A44	5,281,669	01/25/94	Kambour et al.	525	177	
	A45	5,264,548	11/23/93	Brunelle et al.	528	370	
	A46	5,241,880	09/07/93	Mizobata et al.	74	502.5	
	A47	5,231,161	7/27/93	Brunelle et al.	528	272	
	A48	5,225,129	7/6/93	van den Berg	264	85	
	A49	5,214,158	5/25/93	Brunelle et al.	549	267	
	A50	5,207,850	5/4/93	Parekh	156	166	
	A51	5,191,038	3/2/93	Krabbenhof et al.	525	462	
✓	A52	5,191,013	3/2/93	Cook et al.	524	601	
Examiner 				Date Considered 12/18/03			

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INFORMATION DISCLOSURE STATEMENT

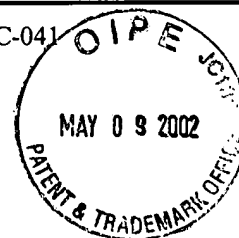
ATTORNEY DOCKET NO.: CYC-041

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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>DM</i>	A53	5,116,900	5/26/92	Flautt et al.	524	377	
	A54	5,097,008	3/17/92	Krabbenhoft et al.	528	371	
	A55	5,095,088	3/10/92	Wang	528	203	
	A56	5,071,711	12/10/91	Heck et al.	428	542.8	
	A57	5,039,783	8/13/91	Brunelle et al.	528	272	
	A58	5,023,346	6/11/91	Schon et al.	549	231	
	A59	5,006,637	4/9/91	Guggenheim et al.	528	355	
	A60	4,999,420	3/12/91	Leitz et al.	528	371	
	A61	4,992,228	02/12/91	Heck et al.	264	135	
	A62	4,980,453	12/25/90	Brunelle et al.	528	352	
	A63	4,904,810	2/27/90	Brunelle et al.	558	281	
	A64	4,888,411	12/19/89	Shannon et al.	528	199	
	A65	4,831,001	5/16/89	Evans et al.	502	153	
	A66	4,829,144	5/9/89	Brunelle et al.	528	176	
	A67	4,816,548	3/28/89	Evans et al.	528	370	
	A68	4,757,132	7/12/88	Brunelle et al.	528	357	
	A69	4,740,583	4/26/88	Brunelle et al.	528	370	
	A70	4,727,134	2/23/88	Brunelle et al.	528	371	
	A71	4,644,053	2/17/87	Brunelle et al.	528	371	
	A72	4,638,077	01/20/87	Brunelle et al.	558	281	
	A73	4,616,077	10/7/86	Silva	528	371	
	A74	4,605,731	8/12/86	Evans et al.	528	371	
	A75	3,786,067	01/15/74	Throckmorton et al.	260	327	
	A76	3,018,272	01/23/62	Griffing et al.	260	75	
✓	A77	Re. 34,431	11/02/93	Brunelle et al.	528	352	

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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>mp</i>	AA	6,271,317 B1	8/7/01	Halasa et al.	525	333.1	
	AB	6,211,316 B1	4/3/2001	Seebach	526	266	
	AC	5,965,686	10/12/99	Blank et al.	528	56	
	AD	5,508,343	4/16/96	Holley	524	161	
	AE	4,889,903	12/26/89	Baghdachi	528	17	
	AF	4,824,595	4/25/89	Richter et al.	252	182.17	
	AG	4,535,102	8/13/85	Kusumoto et al.	523	116	
	AH	4,478,963	10/23/84	McGarry	523	205	
	AI	4,232,087	11/4/80	Trask	428	389	
	AJ	4,082,709	4/4/78	Dyckman et al.	260	22 CB	
	AK	4,075,319	2/21/78	Dyckman et al.	424	78	
	AL	4,012,460	3/15/77	Takahashi	260	878 R	
<i>✓</i>	AM	3,979,354	9/7/76	Dyckman et al.	260	37 EP	

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
	B1	676324	06/16/66	DE				No	No
	B2	4034574 A1	5/7/92	DE				No	No
	B3	3607627 A1	9/10/87	DE				No	No
<i>mp</i>	B4	991,020	5/5/65	GB				No	Yes
	B5	957,841	5/13/64	GB				No	Yes
	B6	699701 A3	9/18/96	EP				Yes	Yes
	B7	688778 A1	12/27/95	EP				No	Yes
<i>✓</i>	B8	655476 A1	05/31/95	EP				No	Yes

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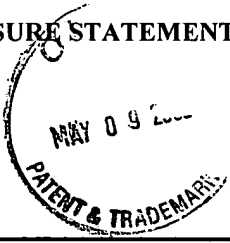

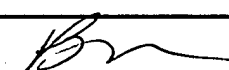
FILING DATE: January 7, 2002

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FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTR Y CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
<i>mb</i>	B9	635512 A1	01/25/95	EP				No	Yes
	B10	601753 A1	06/15/94	EP				No	Yes
	B11	598604 A1	5/25/94	EP				No	Yes
	B12	589640 A1	03/30/94	EP				No	Yes
	B13	543492 A1	05/26/93	EP				No	Yes
	B14	486832 A2	05/27/92	EP				No	Yes
	B15	436186 B1	10/25/95	EP				No	No
<i>mb</i>	B16	419254 A2	3/27/91	EP				No	Yes
	B17	264835 B1	6/24/92	EP				No	Yes
	B18	235741 B1	01/20/93	EP				No	No
<i>mb</i>	B19	0000544 B1	8/4/82	EP				No	Yes
	B20	2001031846	02/06/01	JP				Yes	Yes
	B21	09048876	2/18/97	JP				Yes	Yes
	B22	6275547	4/7/87	JP				Yes	Yes
	B23	4621873	06/21/71	JP				No	Yes
	B24	02298512	12/10/90	JP				Yes	Yes
	B25	476425	10/04/72	JP				No	No
<i>mb</i>	B26	95/30702	11/16/95	WO				No	Yes
	B27	93/ 04106	03/04/93	WO				No	Yes
	B28	91/09899	07/11/91	WO				No	No (only abstract in English)
	B29	88/ 06605	09/07/88	WO				No	Yes
	B30	00/27632	05/18/00	WO				No	Yes
	B31	1077893	03/7/84	SU				Yes	Yes
Examiner <i>JMM Br</i>					Date Considered <i>12/8/03</i>				

FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT		ATTORNEY DOCKET NO.: CYC-041 APPLICANT(S): Wang SERIAL NO.: 10/040,530 FILING DATE: January 7, 2002 GROUP: 1755	
			
OTHER ART, JOURNAL ARTICLES, ETC.			
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)		
<i>juw</i>	C1	Ahjopalo, L. et al. (2000) "Cyclic Oligomers in Saturated Polyesters" <i>Polymer</i> , Vol. 41, No. 23, 8283-8290.	
	C2	Brunelle (1995) "Macrocycles For The Synthesis of High Molecular Weight Polymers" pp. 197-235, ch. 6, <i>New Methods of Polymer Synthesis: Volume 2</i> , edited by J.R. Ebdon and G.C. Eastmond.	
	C3	Brunelle <i>et al.</i> (1998) "Semicrystalline Polymers via Ring-Opening Polymerization: Preparation and Polymerization of Alkylene Phthalate Cyclic Oligomers" <i>Macromolecules</i> Vol. 31, 4782-4790.	
	C4	Burch, R. R. et al. (2000) "Synthesis of Cyclic Oligoesters and Their Rapid Polymerization to High Molecular Weight" <i>Macromolecules</i> , Vol. 33, No. 14, 5053-5064.	
	C5	Cotton, N. J. et al. (1993) "Rate and Extent of Supercritical Fluid Extraction of Cyclic Trimer from Poly(Ethylene Terephthalate) at Elevated Temperatures" <i>Journal of Chromatographic Science</i> , Vol. 31, No. 5, 157-161.	
	C6	Hamilton et al. (1998) "Cyclic Polyesters: Part 8. Preparation and Characterization of Cyclic Oligomers in Six Aromatic Ester and Ether-Ester Systems" <i>Polymer</i> Vol. 39, No. 14., 3241-3252.	
	C7	Harrison, A. G. et al. (1997) "Analysis of cyclic oligomers of poly(ethylene terephthalate) by liquid chromatography/mass spectrometry" <i>Polymer Communications</i> , Vol. 38, No. 10, 2549-2555.	
	C8	Henshaw <i>et al.</i> (1994) "Recycling of a Cyclic Thermoplastic Composite Material by Injection and Compression Molding" <i>J. of Thermoplastic Composite Materials</i> Vol. 7 (1), 14-29.	
	C9	Hubbard, P. A. (1996) "Polyesters via Macrocyclic Oligomers" Dissertation presented at the University of Akron.	
	C10	Kricheldorf, H. R. et al. (1997) "Macrocycles IV. Macrocyclic Polylactones as Bifunctional Monomers for Polycondensations" <i>Journal of Polymer Science</i> , Vol. 36, No. 9, 1373-1378.	
	C11	Kricheldorf, H. R. et al. (1998) "Macrocycles. 3. Telechelic Polylactones via Macrocyclic Polymerization" <i>Macromolecules</i> , Vol. 31, No. 3, 614-620.	
	C12	Lattimer et al. (1998) "MALDI-MS Analysis of Pyrolysis Products From a Segmented Polyurethane" <i>Journal of Analytical and Applied Pyrolysis</i> , Vol. 48, 1-15.	
	C13	Liu et al. (1999) "Preparation of Cyclic Polyester Oligomers and Ultra-low VOC Polyester Coatings" <i>Polymer Preprints</i> , Vol. 40, No. 1.	
	C14	Martin et al. (1987) "Pultrusion", <i>Engineered Materials Handbook: Vol. 1 Composites</i> , pp. 533-543.	
	C15	Miller, S. (1998) "Macrocyclic polymers from cyclic oligomers of poly(butylene terephthalate)" Dissertation Presented at University of Massachusetts, Amherst, MA US.	
✓	C16	Mueller, F. J. et al. (1983) "Synthesis of Cyclic Oligomers of Butylene Terephthalate" <i>Makromol. Chem.</i> , Vol. 184, No. 12, 2487-95.	
Examiner <i>[Signature]</i>		Date Considered <i>12/8/03</i>	

FORM PTO - 1449		ATTORNEY DOCKET NO.: CYC-041	
INFORMATION DISCLOSURE STATEMENT		APPLICANT(S): Wang	
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		GROUP: 1755	
OTHER ART, JOURNAL ARTICLES, ETC.			
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)		
mb	C17	Mueller, F. J. et al. (1983) "Synthesis of Cyclic Oligomers of Butylene Terephthalate" <i>Makromol. Chem.</i> , Vol. 184, No. 12, 2487-95. (Translation)	
	C18	Perovic, A. (1985) "Morphological Instability of poly(ethylene terephthalate) cyclic oligomer crystals" <i>Journal of Material Science</i> , Vol. 20, Iss. 4, 1370-1374.	
	C19	Perovic et al. (1982) "Crystallization of Cyclic Oligomers in Commercial Poly(ethleneterephthalate) Films" <i>Polymer Bulletin</i> Vol. 6, 277-283.	
	C20	Roelens, S. (1988) "Organotin-Mediated Synthesis of Macrocyclic Polyesters: Mechanism and Selectivity in the Reaction of Dioxastannolanes with Diacyl Dichlorides" <i>Journal of the Chemical Society, Perkin Transactions 2</i> , Vol. 8, 1617-1625.	
	CA	Deleuze et al. (1998) "Polymer-Supported Titanates as Catalysts for Transesterification Reactions" <i>Polymer</i> , Vol. 39, No. 24, pp. 6109-6114.	
	CB	Deleuze et al. (2000) "Synthesis of Porous Supports Containing <i>N</i> -(<i>p</i> -hydroxyphenyl)- or <i>N</i> -(3-4-dihydroxybenzyl) Maleimide-Anchored Titanates and Application as Catalysts for Transesterification and Epoxidation Reactions" <i>Journal of Polymer Science</i> , Vol. 38, pp. 2879-2886.	
	CC	"DuPont™ Tyzor® Organic Titanates General Brochure" (2001) E.I. du Pont de Nemours and Company, 12 pages.	
	CD	Lewis et al. (1999) "A Highly Efficient Preparation of Methacrylate Esters using Novel Solid Phase Titanium-Based Transesterification Catalysts" <i>Synlett</i> , pp. 957-959.	
	CE	Lancaster Results, Titanium (IV), http://www.lancastersynthesis.com/home_quick_search.htm ; pages 1-3 downloaded on November 29, 2001; last searched on April 22, 2002 and pages 4-8 downloaded on April 22, 2002.	
↓	CF	Product Detail and structure Image, Titanium (IV) butoxide, polymer, http://www.sigmaaldrich.com/cgi-in/hsrun/Distributed/HahtShop/HahtShop.htm?start=HS_FramesetMain ; last searched on March 27, 2002 and pages 1-2 downloaded on March 27, 2002.	
Examiner	 		Date Considered 12/8/03

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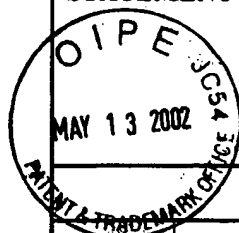
SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT

APPLICANT(S): Wang

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TC 1700

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>ms</i>	A78	6,369,157 B1	04/09/02	Winckler et al	524	783	03/24/00
	A79	6,376,026 B1	04/23/02	Correll et al.	427	512	12/20/99
	A80	10/102,162		Wang et al			03/20/02
	A81	09/974,722		Phelps et al			10/09/01
	A82	09/945,233		Faler			08/31/01
	A83	09/906,385		Wang			07/16/01
	A84	09/874,706		Wang			06/05/01
	A85	09/754,943		Winckler et al			01/04/01
↓	A86	09/659,975		Phelps			09/12/00

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
<i>ms</i>	B32	1,108,921	04/10/1968	GB				No	Yes
	B33	0714926 A2	06/05/1996	EP				No	Yes
	B34	02/22738 A2	03/21/2002	WO				No	Yes
	B35	02/18476 A2	03/07/2002	WO				No	Yes
	B36	01/53379 A1	07/26/2001	WO				No	Yes
↓	B37	99/25485	05/27/1999	WO				No	Yes

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
<i>ms</i>	C21	Brunelle et al. (1997) "Semi-crystalline Polymers via Ring-Opening Polymerization: Preparation and Polymerization of Alkylene Phthalate Cyclic Oligomers" <i>Polymers Preprints</i> vol. 38, No. 2, pp. 381-382.
<i>ms</i>	C22	Lui et al. (1999) "Preparation of Cyclic Polyester Oligomers and Ultra-Low VOC Polyester Coatings" <i>Polymer Reprints</i> , vol. 40, No. 1, pp. 137-138.

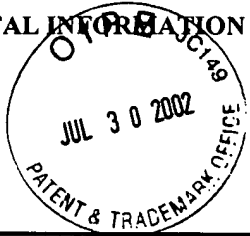
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DATE CONSIDERED:

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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>ju</i>	A87	4,590,259	5/20/86	Kosky et al.	528	272	—

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FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)

EXAMINER:

James Br

DATE CONSIDERED:

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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>ms</i>	A88	6,414,103 B1	07/02/02	Correll et al.	528	25	_____
	A89	5,039,717	8/13/91	Kawakami et al.	523	100	_____
	A90	4,803,288	2/7/89	Kitamura et al.	549	267	_____
	A91	4,680,345	7/14/87	Kobayashi et al.	525	437	_____

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EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
<i>ms</i>	B38	654 304 A5 ✓	2/14/1986	CH				No	No (only abstract in English)
<i>ms</i>	B39	1120555	4/17/1996	CN				Yes	Yes
<i>ms</i>	B40	0798336 A2 ✓	1/10/1997	EP				No	Yes
	B41	0153785 B1 ✓	7/12/1989	EP				No	No
	B42	0153785 A2 ✓	9/4/1985	EP				No	No
<i>ms</i>	B43	0216496 A2 ✓	4/1/1987	EP				No	Yes
	B44	2 530 628 ✓	1/27/1984	FR				No	No
<i>ms</i>	B45	2 123 405 A ✓	2/1/1984	GB				No	Yes
	B46	1,349,324 ✓	4/3/1974	GB				No	Yes
	B47	1,273,225 ✓	5/3/1972	GB				No	Yes
	B48	1,044,205 ✓	9/28/1966	GB				No	Yes
	B49	2002317041 ✓	10/31/2002	JP				No	No (only abstract in English)
	B50	2002308969 ✓	10/23/2002	JP				No	No (only abstract in English)
	B51	202293902 ✓	10/9/2002	JP				Yes	Yes

EXAMINER *[Signature]*DATE CONSIDERED *12/8/03*



FORM PTO - 1449					ATTORNEY DOCKET NO.: CYC-041				
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT					APPLICANT: Wang				
					SERIAL NO.: 10/040,530				
					FILING DATE: January 7, 2002 GROUP: 1755				
✓	B52	2002293903 ✓	10/9/2002	JP				Yes	Yes
	B53	4253764 ✓	9/9/1992	JP				Yes	Yes
	B54	57-122078 A ✓	07/29/1982	JP				No	No (only abstract in English)
	B55	1532560 A1 ✓	12/30/1989	SU				No	No (only abstract in English)
✓	B56	00/38897 ✓	7/6/2000	WO				No	Yes
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
✓	C23	Beach, A. Christopher G. "The Preparation of Mirrors by Sputtering Metals onto Glass Surfaces," <i>A. Inst. P.</i> , Chelsea Polytechnic, M.S. received, March 17, 1930.							
	C24	Cussler et al. "Barrier Membranes," <i>Journal of Membrane Science</i> , 38 (1988) pp. 161-174.							
	C25	Fukushima et al. "Graphite Nanoplatelets as Reinforcements for Polymers: Structural, Electrical and Thermal Properties," <i>Proc. 2nd Ann., Automotive Comp. Conf., Soc. Plast. Eng.</i> , Sept. 2002, 7 pgs.							
	C26	Fukushima et al. "Synthesis of an Intercalated Compound of Montmorillonite and 6-Polyamide," <i>Journal of Inclusion Phenomena</i> , 5 (1987) pp. 473-482.							
	C27	Hall et al. "Recent research on the synthesis and applications of cyclic oligomers," <i>Reactive & Functional Polymers</i> , 41 (1999), pp. 133-139.							
	C28	Ruddick et al. "A new method for the polymer-supported synthesis of cyclic oligoesters for potential applications in macrocyclic lactone synthesis and combinatorial chemistry," <i>J. Chem. Soc., Perkin Trans. 1</i> , 2002, pp. 627-637.							
	C29	Spanagel et al. "Macrocyclic Esters," Contribution No. 153 from The Experimental Station of E.I. duPont deNemours & Company, Vol. 57, pp. 929-934.							
	C30	Uhi et al. "Flame Retardancy of Graphite Nanocomposites," <i>Polym. Mater. Sci. Eng.</i> 83:56(2000).							
	C31	Usuki et al. "Swelling behavior of montmorillonite cation exchanged for ω -amino acids by ϵ -caprolactam," <i>J. Mater. Res.</i> , Vol. 8, No. 5, May 1993, pp. 1174-1178.							
	C32	Usuki et al. "Synthesis of nylon 6-clay hybrid," <i>J. Mater. Res.</i> , Vol. 8, No. 5, May 1993, pp. 1179-1184.							
✓	C33	Ward et al. "Gas barrier improvement using vermiculite and mica in polymer films," <i>Journal of Membrane Science</i> , 55 (1991) pp. 173-180.							
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<i>MS</i>	C34 ✓	Xiao et al. "Preparation of exfoliated graphite/polystyrene composite by polymerization-filling technique," <i>Polymer</i> , 42 (2001) pp. 4813-4816.	
EXAMINER <i>[Signature]</i>		DATE CONSIDERED <i>2/8/03</i>	

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